| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1062 | 361/42.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/29 15:49 |
| L2 | 1 | "6433976".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/29 15:49 |
| S1 | 14 | ("5650902" "5910872" "5940547" "6229680" "6236548" "6633009" "6657150").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:38 |
| S2 | 2 | "5650902".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 13:14 |
| S3 | 5 | ("3675079" | "4184186").PN. OR ("5650902").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:17 |
| S4 | 10 | ("4366434" | "4369364" | "4702553" | "4791518" | "4878144" | "5223682" | "5650902" | "6141192" | "6229680" | "6433976").PN. OR ("6693438"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:23 |
| S5 | 7 | ("4409476" | "4418338").PN. OR ("4702553").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:44 |
| S6 | 0 | arc adj fault same optics same ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:44 |
| S7 | 0 | arc adj fault same optics and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:45 |
| S8 | 0 | arc adj fault same optics | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:45 |
| S9 | 37 | arc adj fault and optic$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:48 |
| S10 | 669 | arc$3 adj fault | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:49 |
| S11 | 724 | arc$3 adj (fault detect) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/25 13:49 |

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|---|---|---|---|---|---|---|
| S12 | 1023 | arc$3 near (fault detect) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/11/25 13:49 |
| S13 | 1827 | arc$3 near (fault detect) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 13:50 |
| S14 | 219 | arc$3 near (fault detect) and optic$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 13:50 |
| S15 | 22 | arc$3 near (fault detect) and optic$4 and ambient | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 14:05 |
| S16 | 11 | arc$3 near (fault detect) and optic$4 and (ambient near light) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 14:05 |
| S17 | 12 | arc$3 near (fault detect) and optic$4 and ((ambient white tungsten) near light) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 14:06 |
| S18 | 535829 | arc$3 near (fault detect) and optic$4 and ((ambient white tungsten) near light) adn wave$1length | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 14:06 |
| S19 | 8 | arc$3 near (fault detect) and optic$4 and ((ambient white tungsten) near light) and wave$1length | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 15:25 |
| S20 | 40 | arc$3 near (fault detect) and optic$4 and (light) and wave$1length | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/25 15:25 |

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|---|---|---|---|---|---|---|
| S21 | 29 | arc$3 near (fault detect) and optic$4 and (light) and wave$1length and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:26 |
| S22 | 73 | arc$3 near (fault detect$3) and optic$4 and (light) and wave$1length and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:26 |
| S23 | 72 | (arc arcing) near (fault detect$3) and optic$4 and (light) and wave$1length and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:29 |
| S24 | 7 | 361/42.ccls. and arc and optic$4 and (light) and wave$1length and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:30 |
| S25 | 7 | 361/42.ccls. and arc and optic$4 and (light) and wave$1length | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:30 |
| S26 | 26 | 361/42.ccls. and arc and optic$4 and (light) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/25 15:30 |
| S27 | 2 | "4702553".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/28 09:53 |
| S28 | 7 | ("4409476" \| "4418338").PN. OR ("4702553").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 09:53 |
| S29 | 28 | ("4223216" \| "4249076").PN. OR ("4409476").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:00 |
| S30 | 16 | ("4377086" \| "4702553" \| "4988861" \| "5048914" \| "5446279" \| "5452087" \| "5714680").PN. OR ("5940547").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:10 |

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|---|---|---|---|---|---|---|
| S31 | 32 | ("3999074" \| "4369364" \| "4461571" \| "4685018" \| "4702553" \| "4791518" \| "4878144" \| "5089931" \| "5185686" \| "5223682" \| "5361313" \| "5650902").PN. OR ("6229680").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:13 |
| S32 | 10 | ("4366434" \| "4369364" \| "4702553" \| "4791518" \| "4878144" \| "5223682" \| "5650902" \| "6141192" \| "6229680" \| "6433976").PN. OR ("6693438"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:14 |
| S33 | 32 | ("3999074" \| "4369364" \| "4461571" \| "4685018" \| "4702553" \| "4791518" \| "4878144" \| "5089931" \| "5185686" \| "5223682" \| "5361313" \| "5650902").PN. OR ("6229680").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:18 |
| S34 | 339 | arc and fault and optic and filter | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:18 |
| S35 | 230 | arc and fault and optic and filter and detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:19 |
| S36 | 11 | arc and fault and optic and filter and detector and low$1pass | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:20 |
| S37 | 8 | arc and fault and optic and filter and detector and switchgear | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:20 |
| S38 | 0 | arc and fault and optic and filter and detector and ditribution | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:20 |
| S39 | 130 | arc and fault and optic and filter and detector and distribution | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:21 |
| S40 | 26 | arc and fault and optic and filter and detector and distribution near system | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 10:32 |
| S41 | 8117 | splitter and filters and detector and compar$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:47 |
| S42 | 6957 | splitter and filters and detector and compar$4 and optic$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:48 |
| S43 | 0 | splitter and filters and detector and compar$4 and optic$3 and arc adj fault | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:48 |

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|---|---|---|---|---|---|---|
| S44 | 0 | splitter and filters and detector and compar$4 and optic$3 and arc near fault | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:48 |
| S45 | 1 | splitter and filters and detector and compar$4 and optic$3 and arc same fault | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:48 |
| S46 | 1167 | splitter and filters and detector and compar$4 and optic$3 and arc | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:48 |
| S47 | 4 | splitter and filters and detector and compar$4 and optic$3 and arc near (prevent$3 protect$3 fault sens$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 11:49 |
| S48 | 10 | ("4366434" \| "4369364" \| "4702553" \| "4791518" \| "4878144" \| "5223682" \| "5650902" \| "6141192" \| "6229680" \| "6433976").PN. OR ("6693438"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:00 |
| S49 | 50 | ("5959944" "5974004" "6292830" "6243328" "5453570" "6011758" "6614729" "6917566" "5734731" "5194682" "5798921" "6086380" "5792971" "5726909" "5824933" "5915288" "4786983" "5557056" "5262940" "5243582" "5286907" "5929359" "5602356" "5773742" "6118450" "5953005" "4400583" "5852800" "6253193" "6363488" "6389402" "6427140" "5857707" "5986200" "5525062" "5636995" "5851119" "5906494" "5837912" "5245600" "5703311" "5750912" "6506967" "6067566" "6088455" "5208717" "5235124" "5375885" "5475835" "5751672").pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:00 |
| S50 | 32 | ("3999074" \| "4369364" \| "4461571" \| "4685018" \| "4702553" \| "4791518" \| "4878144" \| "5089931" \| "5185686" \| "5223682" \| "5361313" \| "5650902").PN. OR ("6229680").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:12 |
| S51 | 0 | high$1pass and shea.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:13 |
| S52 | 0 | high$1pass and (shea).in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:19 |
| S53 | 1222 | (shea).in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:19 |

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|---|---|---|---|---|---|---|
| S54 | 3 | (shea).in. and high adj pass | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:21 |
| S55 | 121 | (shea).in. and filter | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:21 |
| S56 | 11 | (shea).in. and pass adj filter | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:22 |
| S57 | 34 | (shea).in. and filter and detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:22 |
| S58 | 10 | (shea).in. and filter and switchgear | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:22 |
| S59 | 10 | ("4366434" \| "4369364" \| "4702553" \| "4791518" \| "4878144" \| "5223682" \| "5650902" \| "6141192" \| "6229680" \| "6433976").PN. OR ("6693438"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:46 |
| S60 | 1902 | optics and splitter and filter and arc | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:47 |
| S61 | 0 | optics and splitter and filter and 361/42.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:47 |
| S62 | 267560 | optics and splitter and filter light adj source | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:47 |
| S63 | 6588 | optics and splitter and filter and light adj source | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:47 |
| S64 | 419 | optics and splitter and filter and light adj source and low$1pass | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:48 |
| S65 | 77 | optics and splitter and filter and light adj source and low$1pass and arc | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:48 |
| S66 | 49 | optics and splitter and filter and light adj source and low$1pass and arc and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:48 |
| S67 | 44 | optics and splitter and filter and light adj source and low$1pass and arc and (detect fault error) and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:48 |
| S68 | 0 | optics and splitter and filter and light adj source and low$1pass and arc near (detect fault error) and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:49 |

| S69 | 0 | optics and splitter and filter and light adj source and low$1pass and arc near (detect$3 fault$1 error) and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:49 |
|---|---|---|---|---|---|---|
| S70 | 0 | optics and splitter and filter and light adj source and low$1pass and arc near (detect$3 fault$1 error) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:49 |
| S71 | 0 | optics and splitter and filter and light adj source and low$1pass and arc near fault | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 15:50 |
| S72 | 0 | optics and splitter and filter and light adj source and low$1pass and arc near (fault condition) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:03 |
| S73 | 32 | ("3999074" \| "4369364" \| "4461571" \| "4685018" \| "4702553" \| "4791518" \| "4878144" \| "5089931" \| "5185686" \| "5223682" \| "5361313" \| "5650902").PN. OR ("6229680").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:20 |
| S74 | 58720 | filter and low$1pass | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:21 |
| S75 | 1261 | filter and low$1pass and detector and optic$3 and light and ambient | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:21 |
| S76 | 10 | S75 and third adj filter | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:22 |
| S77 | 282 | S75 and splitter | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:23 |
| S78 | 177 | S77 and fiber | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:23 |
| S79 | 152 | S77 and fiber and wave$1length | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:24 |
| S80 | 40 | S77 and fiber and wave$1length and (dif diff difference differential) adj amplifier | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:37 |
| S81 | 0 | 2005/017677 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:37 |
| S82 | 0 | "2005017677" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:37 |
| S83 | 1 | "20050187677" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:38 |

| S84 | 5460904 | S58/ "086494" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:39 |
|------|---------|---------------|------------------------|-----|------|-------------------|
| S85 | 1 | 11/086494 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:39 |
| S86 | 0 | (fiber fibre) adj (optics optical) same modulated same test same threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:04 |
| S87 | 1 | ((fiber fibre) adj (optics optical)) same modulated same test and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:07 |
| S88 | 146 | ((fiber fibre) adj (optics optical)) same modulated and test and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:07 |
| S89 | 6 | ((fiber fibre) adj (optics optical)) same modulated same threshold and test | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:07 |
| S90 | 18807 | modulated adj light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:38 |
| S91 | 938 | modulated adj light and optics and test | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 11:38 |
| S92 | 7 | modulated adj light same optics same test | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 12:59 |

| S93 | 109 | ("6229680" "6693438" "4067052" "5218212" "5541057" "5734207" "5936495" "4916401" "4563556" "5223682" "6542056" "4307607" "5844236" "6469451" "5763503" "4355394" "5434509" "4878144" "4360853" "4618907" "5223795" "5432455" "5452173" "5623184" "5629571" "5726850" "5847913" "6201680" "6525914" "6829123" "4057808" "4247613" "4955685" "5347108" "5938898" "6400089" "5325324" "5631171" "5808729" "6469405" "4516022" "4420212" "6013974" "4283748" "4317067" "4346278" "4371766" "4408250" "4445105" "4514888").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 13:39 |
|-----|-----|-----|-----|-----|-----|-----|
| S94 | 2 | "4702553".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/29 13:39 |
| S95 | 7 | ("4409476" \| "4418338").PN. OR ("4702553").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/29 15:39 |

Interference Search

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 2 | (wavelength and arc and fault light and source and modulated and optci$3 and fiber and split$3 and filter and detector).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L2 | 2 | (wavelength and arc and fault light and source and modulated and optci$3 and fiber and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:36 |
| L3 | 0 | (wavelength and arc and fault and light and source and modulated and optci$3 and fiber and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:36 |
| L4 | 0 | (wavelength and arc and fault and light and source and modulated and optci$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:36 |
| L5 | 0 | (wavelength and arc and fault and light and modulated and optci$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:36 |
| L6 | 0 | (arc and fault and light and modulated and optci$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L7 | 0 | (arc and fault and light and modulated and optic$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L8 | 0 | (wavelength and arc and fault and light and source and modulated and optic$3 and fiber and split$3 and filter and detector).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L9 | 0 | (wavelength and arc and fault and light and source and modulated and optic$3 and fiber and split$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L10 | 0 | (wavelength and arc and fault and light and source and modulated and optic$3 and fiber and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L11 | 0 | (wavelength and arc and fault and light and source and modulated and optic$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L12 | 0 | (wavelength and arc and fault and light and modulated and optic$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:37 |
| L13 | 0 | (arc and fault and light and modulated and optic$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:38 |
| L14 | 1 | (arc and fault and light and optic$3 and filter).clm. | US-PGPUB | OR | OFF | 2005/11/29 16:38 |